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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Page 1 of

Complete if Known

Application Number	09/905,160
Filing Date	July 12, 2001
First Named Inventor	
Art Unit	1648
Examiner Name	Park
Attorney Docket Number	014058-012830US

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U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
hja	AA	US 6,355,257	03-12-2002	Johnson et al.	
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
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FOREIGN PATENT DOCUMENTS

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**INFORMATION DISCLOSURE
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Page 2 of **Complete if Known**

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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 210121.489C1	APPLICATION NO. 09/905,160
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS David A. Johnson and C. Gregory Sowell	
		FILING DATE July 12, 2001	GROUP ART UNIT 1648

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
hgf	AA	6,113,918	09/05/00	Johnson et al.	424	278.1	
	AB	4,912,094	03/27/90	Myers et al.	514	54	
	AC	B1 4,912,094	02/15/94	Meyers et al.	514	54	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY		TRANSLATION YES NO
hgf	AD	WO 98/50399	11/12/98	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

hgf	AE	Baldridge, "Synthetic Adjuvants: Recent Developments and Applications," IBC Vaccine Conference, Washington DC, February 1998.
	AF	Bulusu et al., "Cyclic Analogues of Lipid A: Synthesis and Biological Activities," <i>J. Med. Chem.</i> 35(19): 3463-3469, 1992.
	AG	Eustache et al., "New Acyclic Analogues of Lipid A: Synthesis of 4-Phosphonoxybutyl and 3-Phosphonoxypropyl Glycosides of 2-Amino-2-Deoxy-D-Glucose," <i>Carbohydrate Research</i> 251:251-267, January 3, 1994.
	AH	Johnson et al., "Synthesis and Biological Evaluation of a New Class of Vaccine Adjuvants: Aminoalkyl Glucosaminide 4-Phosphates (AGPs)," <i>Bioorg. Med. Chem. Lett.</i> 9(15):2273-2278, Aug 2, 1999.
	AI	Ikeda et al., "Synthesis of Biologically Active N-Acylated L-serine Containing Glucosamine-4-Phosphate Derivatives of Lipid A," <i>Chem. Pharm. Bull.</i> 41(10): 1879-1881, 1993.
	AJ	Miyajima et al., "Lipid A and Related Compounds XXXI. Synthesis of Biologically Active N-Acylated L-Serine-Containing D-Glucosamine 4-Phosphate," <i>Chem. Pharm. Bull.</i> 44(12): 2268-2273, 1996.
	AK	Shimizu et al., "Antitumor Activity and Biological Effects of Chemically Synthesized Monosaccharide Analogues of Lipid A in Mice," <i>Chem. Pharm. Bull.</i> 33(10): 4621-4624, 1985.
	AL	Shimizu et al., "Biological Activities of Chemically Synthesized N-acylated Serine-linked Lipid A Analog in Mice," <i>Int. J. Immunopharmacol.</i> 16(8): 659-665, 1994.
	AM	Shimizu et al., "Biological Activities and Antitumor Effects of Synthetic Lipid A Analogs Linked N-Acylated Serine," <i>Int. J. Immunopharmacol.</i> 17(5): 425-431, 1995.

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	3/24/03